



- DESIGN: MODULAR
- DEGREE OF PROTECTION: IP65
- YEARS OF WARRANTY: 2
- UV RESISTANCE: YES
- READY TO CONNECT: YES
- WEIGHT: 1.170 KG



The connection distribution board from the Polish manufacturer KENO provides protection against the consequences of both indirect and direct lightning discharges on the alternating current side. The connection distribution board is intended for use in grounded and isolated photovoltaic installations. Due to the high degree of IP protection, outdoor installation is possible. The design of the switchgear is intended for surface mounting. Depending on the equipment, switchboards can perform various functions.

BASIC PARAMETERS AC SIDE

AC Surge Protector | Type

Dehn | T1/T2

Overcurrent circuit breaker

Without miniature circuit breaker

ELECTRICAL AND MECHANICAL PARAMETERS OF THE HOUSING

Model	PHS 8 T
Number of fields	8
Dimensions of housing without chokes and MC4 (Length Width Height)	120.00 201.00 202.00
Design in accordance with	EN 60670-1, EN 62208
Level of security	IP65
Protection class	II
Rated insulation voltage U_i	400 V AC, 1500 V DC
The incandescent rod test	650°C
Impact resistance	IK08
UV resistance	YES
Recyclable plastic	bezhalogenowy
Working temperature	-25°C - +60°C

Overvoltage limiter used AC (SPD)

Manufacturer / Model	Dehn DSH TNS 255
Made in accordance with	EN 61643-11 / IEC 61643-11
Surge protection	T1 / T2
Number of fields	2
Rated voltage AC (U_n)	230 V (50 / 60 Hz)
The greatest voltage of permanent work AC (U_c)	255 V (50 / 60 Hz)
Surge current (10/350 μ s) [L1+L2+L3+N-PE] (I_{total})	25 kA
Specific energy [L1+L2+L3+N-PE] (W/R)	156.25 kJ/ Ω
Surge current (10/350 μ s) [L, N-PE] (I_{imp})	12,5 kA
Specific energy [L,N-PE] (W/R)	39,06 kJ/ Ω
Nominal discharge current (8/20 μ s) [L/N-PE] / [L1+L2+L3+NPE] (I_n)	12,5 / 25 kA
Voltage protection level [L-PE]/[N-PE] (U_p)	$\leq 1,5$ / $\leq 1,5$ kV
Follow current extinguishing capability AC (I_{fi})	25 kArms
Response time (t_A)	≤ 100 ns
Maximum fuse protection	160 A gG
Occasional surges (TOV) [L-N] (U_t) - characteristic	440 V / 120 min - durable
Working temperature range (TU)	-40°C ...
Operation / failure indicator	green / red

